Test values

Model 115

Position of air flap	set to warm air	below approx. + 15 °C
	set to cold air	above approx. + 40 °C

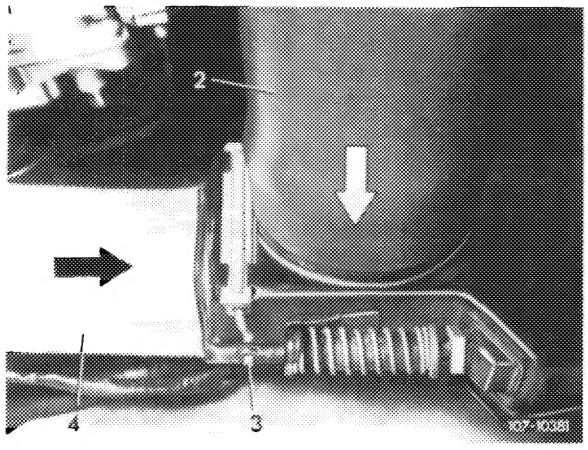
Model 123

Air flap position (with engine running)	set to warm air	below approx. + 30 °C
	set to cold air	above approx. + 40 °C

A. Model 115

Checking

1 Pull off cold air hose (2).

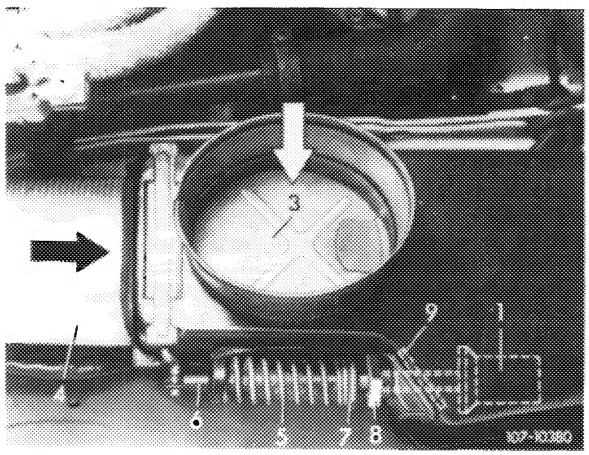


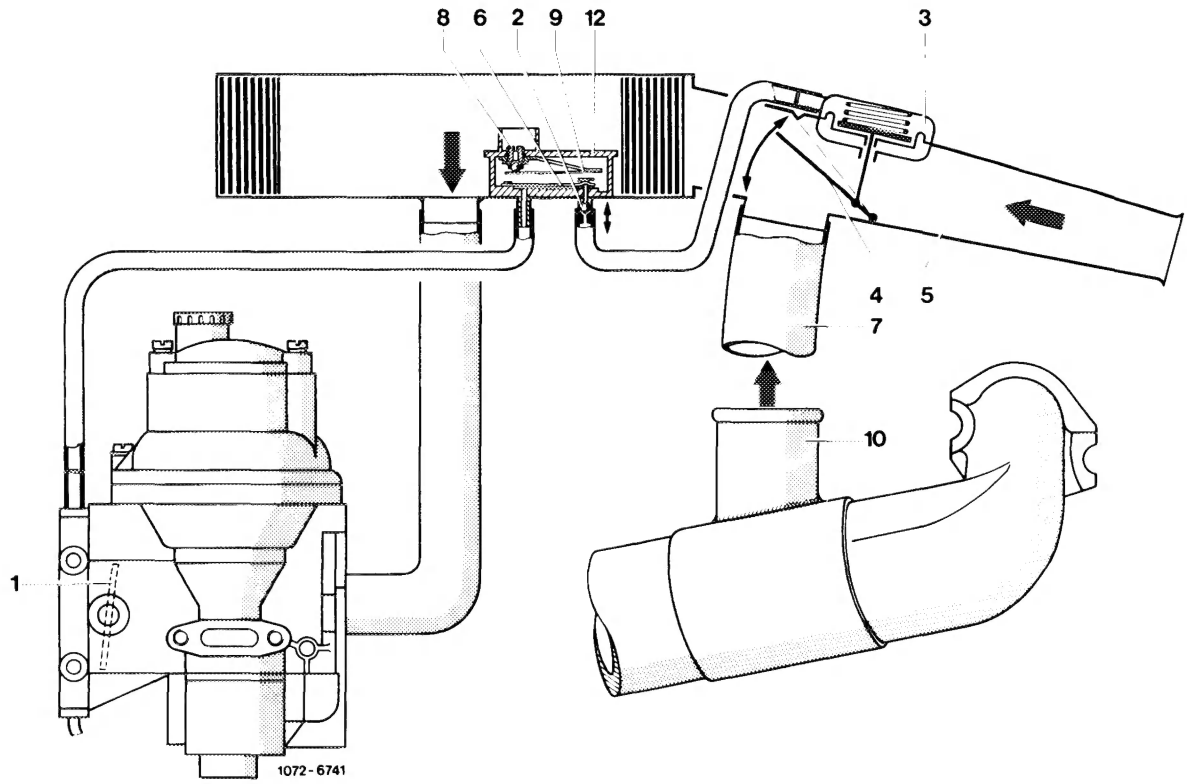
2 Cold air hose
4 Warm air hose

2 Check position of air flap (3).

Below approx. + 15 °C, the air flap should completely close the „cold air duct".

Above approx. + 40 °C, the air flap should close „warm air duct" (4) completely.





1 Throttle valve
2 Check valve
3 Vacuum control unit
4 Air flap
5 Cold air duct
6 Bimetallic spring
7 Warm air duct
8 Secondary air valve
9 Bimetallic spring
10 Warm air scoop on exhaust manifold
12 Temperature regulator

Checking

1 Pull off warm air hose (7).

Below approx. + 30 °C, with engine running, the air flap (4) should completely close cold air duct (5).

2 **Above approx. + 40 °C, with engine running, the air flap (4) should completely close warm air duct (7).**

3 Check operation of air flap during acceleration.

Below approx. + 25 °C

During acceleration or application of gas pedal, the air flap should close cold air duct.

Above approx. + 25 °C to approx. + 40 °C

During acceleration or application of gas pedal, the air flap should release cold air duct. When releasing gas pedal, the cold air duct should again be closed.

4 Check operation of air flap with position of gas pedal remaining the same.

Between approx. + 30 to 40 °C, the air flap will take a given position, depending on available vacuum.